

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	129	(torsion\$3 adj spring) with ((disk or disc or annular or circular) with (flat or planar))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L2	1927	(606/181-185).CCLS.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/05 08:12
L3	33726	L2 or lancet	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L4	678	L3 and (L2 and lancet)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L5	577	L4 and (spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L6	44	L5 and (torsion with spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L7	3606	manually with cock\$	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L8	33	L7 and L5	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L9	4	L6 and L7	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12

L10	8	(US-5196025-\$ or US-5476474-\$ or US-5514152-\$ or US-6197040-\$ or US-5318583-\$ or US-7077828-\$ or US-5951582-\$ or US-5645555-\$).did.	USPAT	OR	ON	2008/02/05 08:12
L11	1927	(606/181-185).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/05 08:12
L12	33726	L11 or lancet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L13	678	L12 and (L11 and lancet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L14	8	(US-5196025-\$ or US-5476474-\$ or US-5514152-\$ or US-6197040-\$ or US-5318583-\$ or US-7077828-\$ or US-5951582-\$ or US-5645555-\$).did.	USPAT	OR	ON	2008/02/05 08:12
L15	577	L13 and (spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L16	3606	manually with cock\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L17	33	L16 and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L18	44	L15 and (torsion with spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12

L19	:4	L18 and L16	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L20	:56	lancet same (torsion adj spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L21	:129	(torsion\$3 adj spring) with ((disk or disc or annular or circular) with (flat or planar))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L22	:0	L21 and lancet	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L23	:1927	(606/181-185).CCLS.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/05 08:12
L24	:33726	L23 or lancet	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L25	:678	L24 and (L23 and lancet)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L26	:8	(US-5196025-\$ or US- 5476474-\$ or US- 5514152-\$ or US- 6197040-\$ or US- 5318583-\$ or US- 7077828-\$ or US- 5951582-\$ or US- 5645555-\$).did.	USPAT	OR	ON	2008/02/05 08:12
L27	:577	L25 and (spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12

L28	3606	manually with cock\$	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L29	33	L28 and L27	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L30	44	L27 and (torsion with spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L31	4	L30 and L28	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L32	56	lancet same (torsion adj spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L33	3606	manually with cock\$	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L34	1927	(606/181-185).CCLS.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/05 08:12
L35	33726	L34 or lancet	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L36	678	L35 and (L34 and lancet)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L37	577	L36 and (spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12

L38	44	L37 and (torsion with spring)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L39	33	L33 and L37	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L40	8	(US-5196025-\$ or US-5476474-\$ or US-5514152-\$ or US-6197040-\$ or US-5318583-\$ or US-7077828-\$ or US-5951582-\$ or US-5645555-\$).did.	USPAT	OR	ON	2008/02/05 08:12
L41	129	(torsion\$3 adj spring) with ((disk or disc or annular or circular) with (flat or planar))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L42	0	L41 and lancet	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L43	4	L38 and L33	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L44	104	lancet with (spring with (planar or flat or rotat\$4))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:12
L45	14	(US-20070088377-\$ or US-20050090850-\$). did. or (US-5645555-\$ or US-5951582-\$ or US-5514152-\$ or US-6109227-\$ or US-5476474-\$ or US-7077828-\$ or US-6197040-\$ or US-5318583-\$ or US-5196025-\$ or US-7273484-\$).did. or (US-2521759-\$).did. or (US-5476474-\$).did.	US_PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/02/05 08:12

L46	:2	("5318583").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/05 08:12
L47	75474	torsion with spring	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:13
L48	250063	(disk or disc or annular or flat or round or circular or washer) near4 spring	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:14
L49	14217	48 and (spring with torsion\$2)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:15
L50	884	49 and (lancet or needle)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:15
L51	173	50 and (skin or tissue)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:16
L52	7	((CHAD) near2 (MACE)).INV.	US_PGPUB; USPAT; USOCR	OR	ON	2008/02/05 08:17
L53	7978	47 and (47 with propel \$4 or advancing or injecting or firing or shooting)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:46
L54	6234	53 and (spring with (rotat\$3 or pivot\$4 or unwind\$3))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:47
L55	1355	48 and 54	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:48

L56	8	55 and lancet	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:48
L57	19860	47 same (spring with arm)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:52
L58	779	57 and (ring with (inner and outer))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:52
L59	779	58 and (spring with arm)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:52
L60	304	59 and (wind\$4 or unwind\$4)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:53
L62	16	(US-20070088377-\$ or US-20050090850-\$). did. or (US-5645555-\$ or US-5951582-\$ or US-5514152-\$ or US-6109227-\$ or US-5476474-\$ or US-7077828-\$ or US-6197040-\$ or US-5318583-\$ or US-5196025-\$ or US-7273484-\$ or US-7223276-\$ or US-4563167-\$). did. or (US-2521759-\$). did. or (US-5476474-\$). did.	US_PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/02/05 10:44

L63	:98	( "20030050656"   "20040039407"   "20040127928"   "20050090850"   "20050131441"   "3030959"   "3244317"   "3696915"   "3833146"   "4139011"   "4203446"   "4388925"   "4416279"   "4442836"   "4449529"   "4469110"   "4527561"   "4535769"   "4539988"   "4553541"   "4577630"   "4624253"   "4635633"   "4653513"   "4677979"   "4712548"   "4715374"   "4735203"   "4738261"   "4794926"   "4817603"   "4821878"   "4844095"   "4856515"   "4858607"   "4860937"   "4869249"   "4889117"   "4892097"   "4895147"   "4924879"   "4976724"   "4983178"   "4990154"   "4994068"   "4995402"   "4998452"   "5026388"   "5029583"   "5035704"   "5047044"   "5070886"   "5074872"   "5100427"   "5100428"   "5105823"   "5120311"   "5133730"   "5147375"   "5152775"   "5196025"   "5207699"   "5269800"   "5304192"   "5304193"   "5314442"   "5318584"   "5356420"   "5366470"   "5397334"   "5439473"   "5464418"   "5478345"   "5487748"   "5514152"   "5527334"   "5531763"   "5554166"   "5628765"   "5632410"	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 10:55
-----	-----	---	---------------------------	----	----	---------------------

		"5636640"   "5643306"   "5662669"   "5755733"   "5829589"   "5908434"   "5951582"   "5984940"   "6056765"   "6109740"   "6358265"   "6409740"   "6419661"   "6472220"   "6514270"   "6719771").PN. OR ("7223276").URPN.				
--	--	--	--	--	--	--

2/5/08 12:48:51 PM

C:\ Documents and Settings\ gdawson\ My Documents\ EAST\ Workspaces  
\10607957\lancetw\torsionspring.wsp